



Department of  
Veterans Affairs

# CONSOLIDATE / EXPAND MEDICAL PROCEDURES MINOR (CEMP) VA NORTHERN CALIFORNIA HEALTH CARE SYSTEM

DVA Project No. 612-111

MEI Project No. 88

April 22, 2014

100% CONSTRUCTION DOCUMENTS

<b>CONSULTANTS:</b>		<b>KEY PLAN</b>	<b>ARCHITECT/ENGINEERS:</b>	<b>Drawing Title</b> <b>COVER SHEET</b>	<b>Project Title</b> <b>CONSOLIDATE / EXPAND MEDICAL PROCEDURES MINOR (CEMP)</b>		<b>Project Number</b> <b>612-111</b>	<b>Office of Facilities Management</b> 	
					<b>Location</b> <b>VANCHCS - MATHER, CA</b>		<b>Building Number</b>		
<b>Issues &amp; Revisions:</b>			<p>239 9TH STREET, SUITE 201 SAN FRANCISCO, CA 94103 T (415) 682-7330 F (415) 682-7330 www.meiarchitects.com</p>	<b>Approved: Project Director</b>	<b>Date</b> <b>APRIL 22, 2014</b>	<b>Checked</b> <b>MMC</b>	<b>Drawn</b> <b>TW</b>		<b>Drawing Number</b> <b>GI-1</b> Dwg. -- of --
<b>Date</b>									

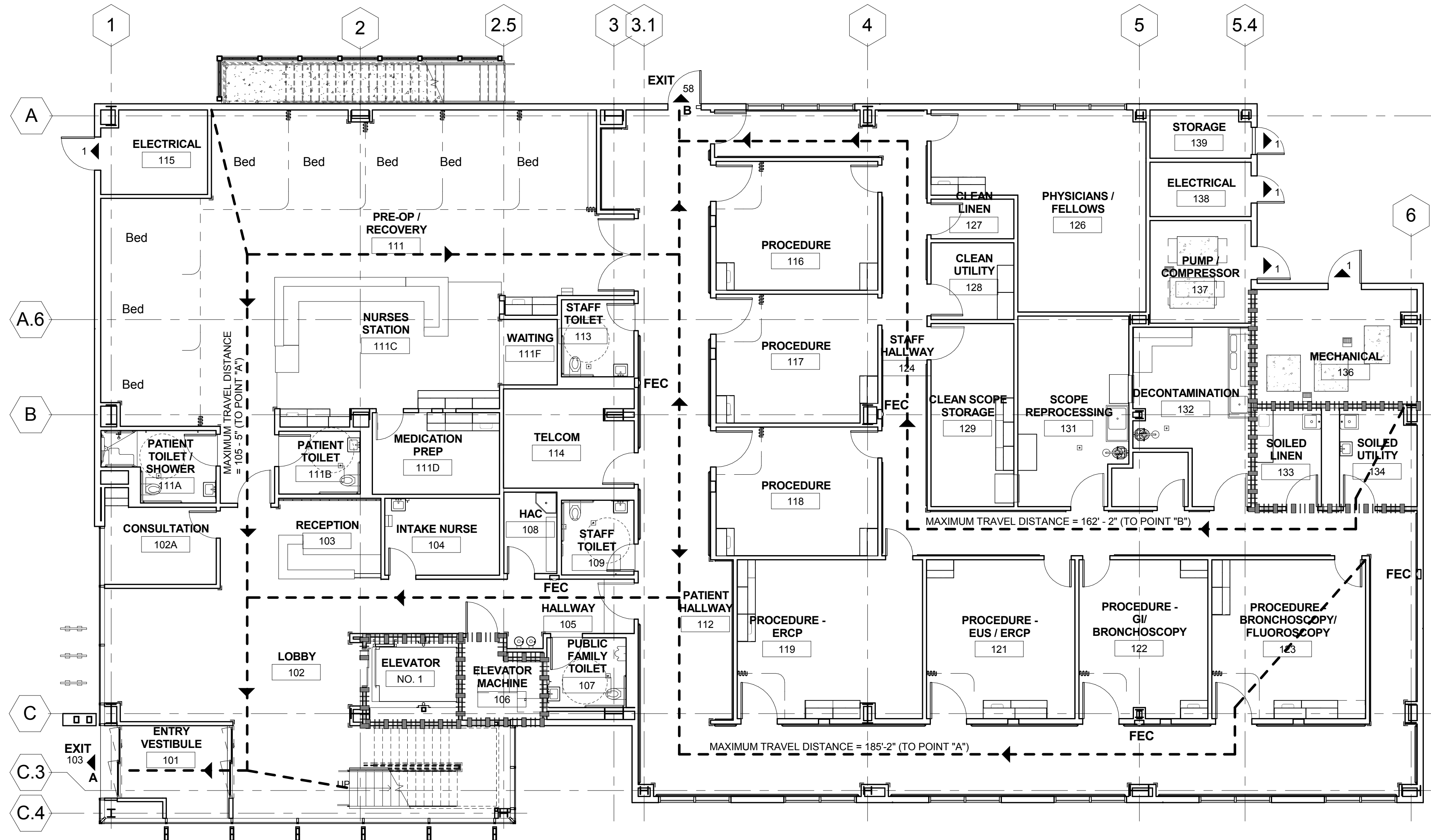






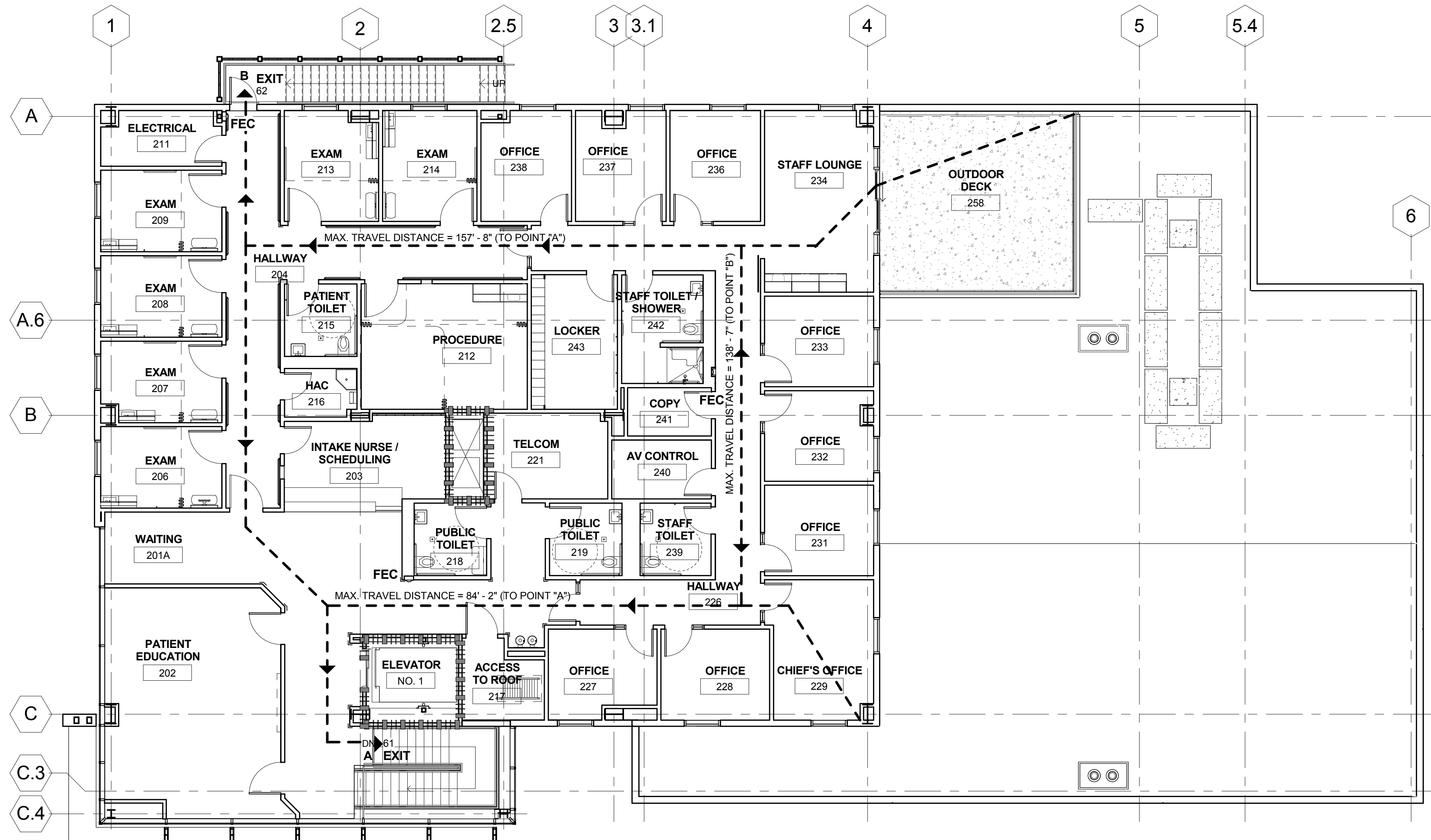
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2 FIRST FLOOR FIRE SAFETY, EXIT PLAN

1/8" = 1'-0"



4 SECOND FLOOR FIRE SAFETY, EXIT PLAN

1/8" = 1'-0"

## OCCUPANT LOAD SUMMARY

(REFERENCE NFPA 101 TABLE 7.3.1.2)

### FIRST FLOOR

ROOM NUMBER	ROOM NAME	AREA	RATIO	OCCUPANT LOAD	# OF EXIT REQUIRED
101	STAIR NO. 1	180 SF			
101	ENTRY VESTIBULE	111 SF	0		
102	LOBBY	603 SF	15	41	1
102A	CONSULTATION	111 SF	100	2	1
103	RECEPTION	91 SF	100	1	1
104	INTAKE NURSE	108 SF	100	2	1
106	ELEVATOR MACHINE	70 SF	300	1	1
108	HAC	52 SF	300	1	1
111	PRE-OP / RECOVERY	1321 SF	100	14	1
111F	WAITING	46 SF	300	1	1
114	TELCOM	154 SF	300	1	1
115	ELECTRICAL	106 SF	300	1	1
116	PROCEDURE	254 SF	100	3	1
117	PROCEDURE	250 SF	100	3	1
118	PROCEDURE	254 SF	100	3	1
119	PROCEDURE - ERCP	356 SF	100	4	1
121	PROCEDURE - EUS / ERCP	287 SF	100	3	1
122	PROCEDURE - GI / BRONCHOSCOPY	248 SF	100	3	1
123	PROCEDURE - BRONCHOSCOPY / FLUOROSCOPY	298 SF	100	3	1
126	PHYSICIANS / FELLOWS	404 SF	100	5	1
127	CLEAN LINEN	40 SF	300	1	1
128	CLEAN UTILITY	78 SF	300	1	1
129	CLEAN SCOPE STORAGE	185 SF	300	1	1
130	CHANGING	47 SF	100	1	1
131	SCOPE REPROCESSING	247 SF	100	3	1
132	DECONTAMINATION	215 SF	100	3	1
133	SOILED LINEN	80 SF	300	1	1
134	SOILED UTILITY	90 SF	300	1	1
136	MECHANICAL	223 SF	300	1	1
137	PUMP / COMPRESSOR	126 SF	300	1	1
138	ELECTRICAL	67 SF	300	1	1
139	STORAGE	58 SF	300	1	1
NO. 1	ELEVATOR	96 SF	0		
FIRST FLOOR				105	

### SECOND FLOOR

ROOM NUMBER	ROOM NAME	AREA	RATIO	OCCUPANT LOAD	# OF EXIT REQUIRED
201A	WAITING	108 SF	15	8	1
202	PATIENT EDUCATION	499 SF	15	34	1
203	INTAKE NURSE / SCHEDULING	172 SF	100	2	1
206	EXAM	120 SF	100	2	1
207	EXAM	116 SF	100	2	1
208	EXAM	120 SF	100	2	1
209	EXAM	120 SF	100	2	1
211	ELECTRICAL	77 SF	300	1	1
212	PROCEDURE	254 SF	100	3	1
213	EXAM	123 SF	100	2	1
214	EXAM	128 SF	100	2	1
216	HAC	42 SF	300	1	1
217	ACCESS TO ROOF	72 SF	300	1	1
221	TELCOM	125 SF	300	1	1
227	OFFICE	111 SF	100	2	1
228	OFFICE	121 SF	100	2	1
229	CHIEF'S OFFICE	173 SF	100	2	1
231	OFFICE	120 SF	100	2	1
232	OFFICE	117 SF	100	2	1
233	OFFICE	120 SF	100	2	1
234	STAFF LOUNGE	238 SF	15	16	1
236	OFFICE	123 SF	100	2	1
237	OFFICE	117 SF	100	2	1
238	OFFICE	118 SF	100	2	1
240	AV CONTROL	72 SF	100	1	1
241	COPY	49 SF	100	1	1
243	LOCKER	141 SF	300	1	1
258	OUTDOOR DECK	412 SF	15	28	1
M-1	SHAFT	36 SF			
NO. 1	ELEVATOR	96 SF	0		
SECOND FLOOR				123	
Grand total				228	

## EXIT SUMMARY

(REFERENCE NFPA 101 TABLE 7.3.3.1)

### FIRST FLOOR EXIT WIDTH

DOOR @ ENTRY VESTIBULE 101 EXIT WIDTH:  
103 PERSONS X 0.3"/PERSON = 30.9" REQUIRED  
PROVIDED DOOR EXIT WIDTH = 96"

DOOR @ PATIENT HALLWAY 112 EXIT WIDTH:  
58 PERSONS X 0.3"/PERSON = 17.4" REQUIRED  
PROVIDED DOOR EXIT WIDTH = 44"

### SECOND FLOOR EXIT WIDTH

INTERIOR STAIR EXIT WIDTH:  
61 PERSONS X 0.3"/PERSON = 18.3" REQUIRED  
PROVIDED INTERIOR STAIR EXIT WIDTH = 48"

DOOR @ HALLWAY 204 EXIT WIDTH:  
62 PERSONS X 0.3"/PERSON = 18.6" REQUIRED  
PROVIDED DOOR EXIT WIDTH = 44"  
PROVIDED EXTERIOR STAIR EXIT WIDTH = 54"

## LEGEND

- 1-HOUR FIRE BARRIER
- PATH OF EGRESS
- EXIT OCCUPANT LOAD
- EXIT DIRECTION
- FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER

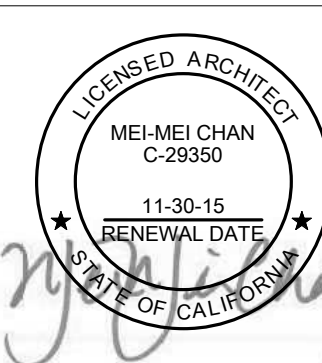
### CONSULTANTS:

### KEY PLAN

### ARCHITECT/ENGINEERS:



239 9TH STREET, SUITE 201  
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www.meiarchitects.com



Drawing Title

**FIRST & SECOND FLOOR FIRE SAFETY, EXIT PLANS, OCCUPANT LOAD & EXIT CALCULATIONS**

Approved: Project Director

Project Title

**CONSOLIDATE / EXPAND MEDICAL PROCEDURES MINOR (CEMP)**

Location

**VANCHCS - MATHER, CA**

Date

**APRIL 22, 2014**

Checked

**MMC**

Drawn

**CK**

Project Number

**612-111**

Building Number

Drawing Number

**G1-4**

Dwg. -- of --

**Office of Facilities Management**



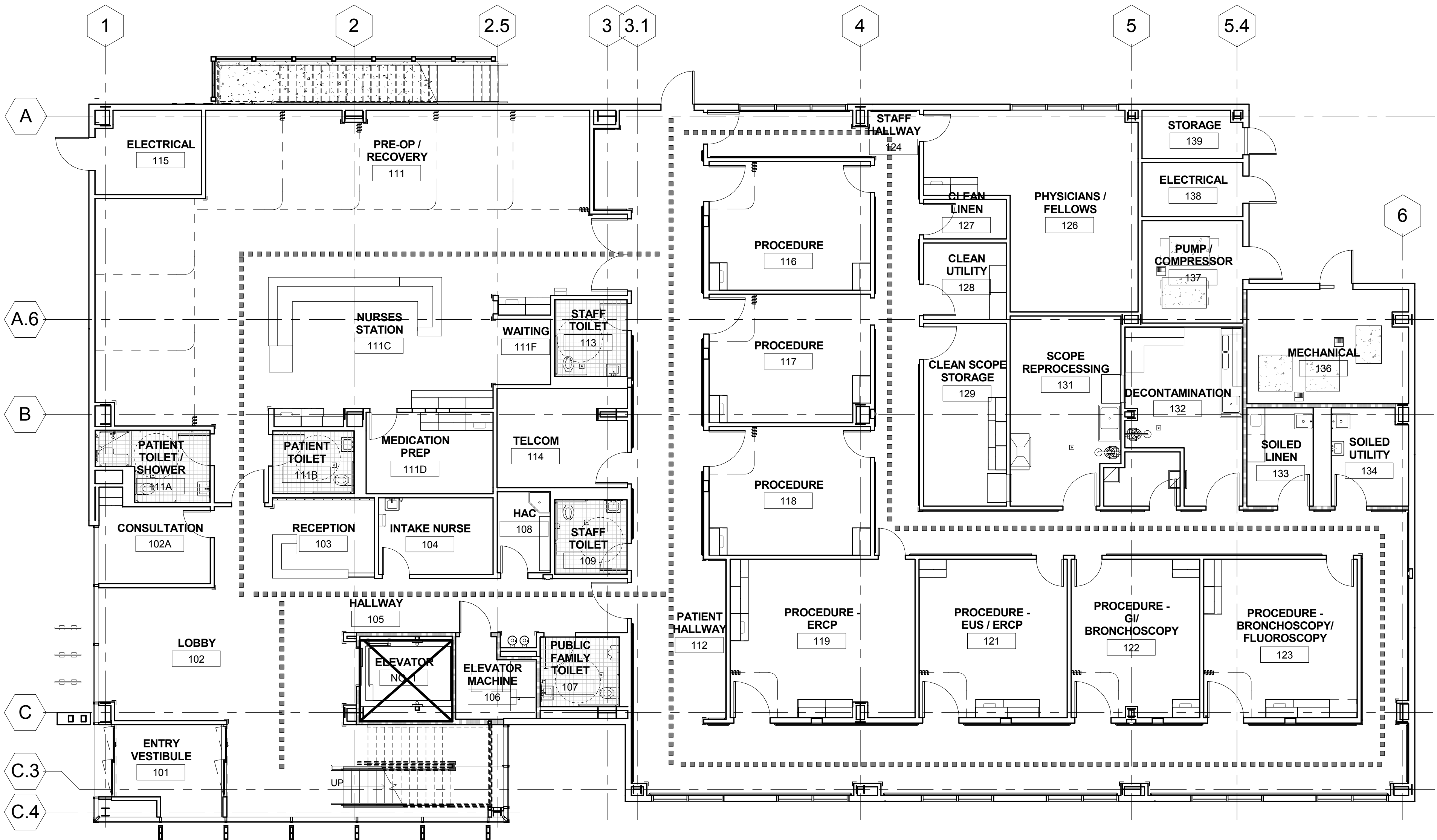
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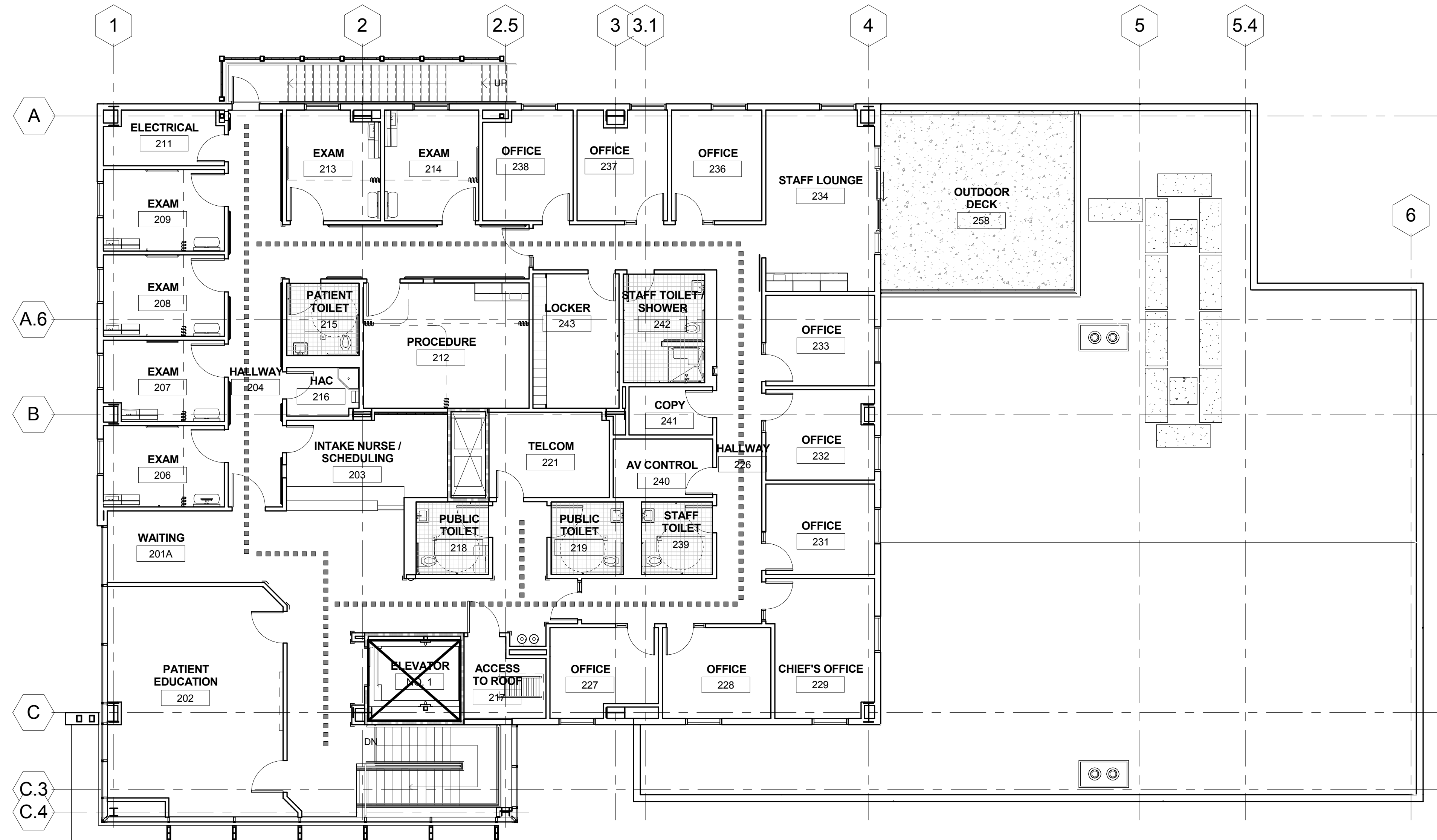
NOTES

EXIT STAIRWAYS USED AS ACCESSIBLE EXITS (NFPA 101 SECTIONS 7.2.12.2.3) REQUIRE A CLEAR WIDTH OF 48" MIN. BETWEEN HANDRAILS



2 FIRST FLOOR ACCESSIBILITY PLAN

1/8" = 1'-0"



4 SECOND FLOOR ACCESSIBILITY PLAN

1/8" = 1'-0"

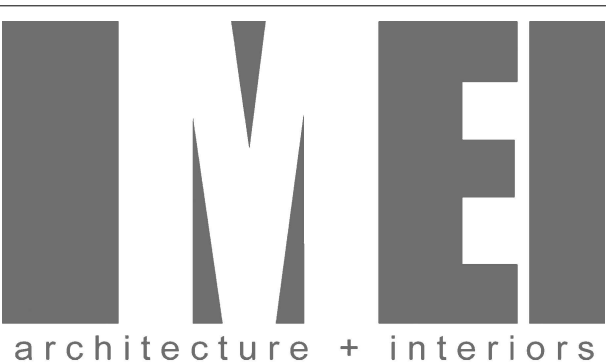
LEGEND

- ..... ACCESSIBLE PATH
- [Grid Pattern] ACCESSIBLE TOILETS
- [X Symbol] ACCESSIBLE ELEVATOR

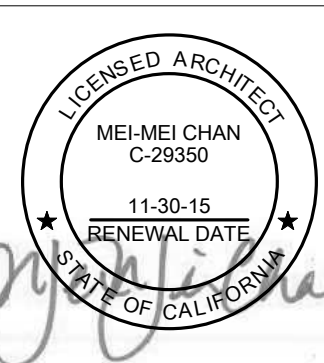
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Drawing Title  
**FIRST AND SECOND FLOOR  
ACCESSIBILITY PLANS**

Approved: Project Director

Project Title  
**CONSOLIDATE / EXPAND  
MEDICAL PROCEDURES  
MINOR (CEMP)**

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**VANCHCS - MATHER, CA**

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